Nokia Customer Care
RH-53/54

5-Service Tools

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Table of Contents

Page No

Custom Service Tools 5
Standard service tools 7
Service Cables 10

DA-27 Working Instruction 12

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Custom Service Tools

Product	Service Tool	Product Code	Photo	Description Info
DA-27	Docking Station Adapter	0780352		The Docking Station Adapter, together with a Docking Station, is used for analysis of Mbus, Fbus, RF, and audio connections. Pack of test 10 test pins to be used with SF-33 and DA-27, code 0780398
	Spare lock part for DA-27	0780465		Spare lock part for DA-27
MJ-36	Module Jig	0770856		This jig allows phone PWB-level service and troubleshooting. Components must be protected against over-voltage and over-current.
RJ-39	Soldering Jig	0780321		Used for soldering and as a rework jig for system module.
SA-45	RF Coupler	0780353		Enables RF connection with DA-27. Note! Do not use for RF-tuning.

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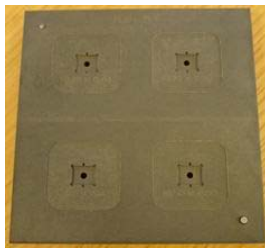
Product	Service Tool	Product Code	Photo	Description Info
SF-33	POS Flash Adapter	0770857		The flash adapter allows FBUS/MBUS connections for flashing. Pack of test 10 test pins to be used with SF-33 and DA-27, code 0780398
ST-12	Rework stencil	0780384		Front End Module (FEM)
RJ-51	Rework Jig	0780417		To be used with ST-12.!

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Standard service tools

Product	Service Tool	Product Code	Photo	Description Info
ACF-8	Universal Power Supply	0680032		ACF-8 is used to power FPS-8 and FLS-4S. ACF-8 has 6 Vdc and 2.1A output.
FLS-4S	POS Flash Adapter	0080543 (Americas) 0080542 (APAC) 0080541 (Europe/ Africa)		The Point of Sale (POS) flash is a low-cost software upgrade tool. This requires the XCS-1 cable and ACP-8U for operation.
FPS-8	Flash Prommer	0080321		The Flash Prommer FPS-8 is used for heavy flash.
FPS-11	Parallel Flash Prommer	0770758		Flashing several units(max 8) at one time. The FPS-11 multi prommer will replace FPS-8C
JBV-1	Docking Station	0770298		The Docking Station and the Docking Station Adapter are needed for Mbus, Fbus, RF, and audio connections. This setup allows connection between flash prommers. When the audio box is connected, it has to be connected to the phone's audio connector. The Docking Station can be powered by FPS-8 or external power supply.

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Product	Service Tool	Product Code	Photo	Description Info
PKD-1	SW Security Device	0750018		SW security device PKD-1 is hardware device that, when connected to the parallel (LPT) port of the PC, enables the use of the service software. Without the dongle present, it is not possible to use the service software. Printers or other peripheral devices can be connected to the PC through the dongle, if needed. Caution: Make sure that you have switched off the PC and the printer before making connections! Caution: Do not connect the PKD-1 to the serial port. You may damage your PKD-1!
SPS-2	Soldering Paste Spreader	0770471		
SRT-6	SRT-6 Opening Tool	0770431		Opening tool for e.g. removing display module from C2 cover

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Product	Service Tool	Product Code	Photo	Description Info
CA-5S	Printing Cable	0730283		The DC cable CA-5S to be used with the JVB-1 docking station.
	Standard toolkit			Content: -Nokia opening tool SRT-6 Nokia No. 0770431 -Tonichi torque driver Nokia No. 6901525 -Hoya micro fibre cloth MX304 -Dastex gloves S, M, XL -Artilux goggles AH166 -Wera bit T5 867/4TX 5x50 -Wera bit T6 867/4TX 6x50 -Wera bit T6 867/4 6IPx50 -Facom side cutter 416E -Facom T5 driver SP.14032 -Facom T6 driver SP.14033 -Facom slot screwdriver AEF. 2x35.E -Wetec tweezers 7abb SA-ESD -Wetec tweezers 22 SA-ESD -Wetec tweezers 13 SA-SMD ESD -Wetec tweezers PSF SA-ESD -Wetec ESD brush E1211 -Kaiser Fototechnik airbrush 6315 -Wetec dental tool DEM83266/0 -RS Components Scissors 323-5732

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Service Cables

Product	Service Tool	Product Code	Photo	Description Info
AXS-4	Service Cable	0730090		The AXS-4 D9-D9 service cable is used to connect two 9-pin connectors (e.g., between PC and FPS-8). AXS-4 length is 2 meters.
DAU-9S	MBUS Cable	0730108		The MBUS cable DAU-9S has a modular connector and is used between PC serial port and, for example, the MJ-36.
FLC-2	DC Cable	0730185		FLC-2 is used to supply a controlled operating voltage.
PCS-1	Power Cable	0730012		The Power Cable PCS-1 is used to connect the service tools (JBV-1, MJ-36) to an external power supply.

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Product	Service Tool	Product Code	Photo	Description Info
XCS-1	Service Cable	0730218		The XCS-1 Service Cable is used to connect FLS-4S to SF-33.
XCS-4	Modular Cable	0730178		XCS-4 is a shielded cable (one specially shielded conductor) modular cable for flashing and service purposes.
XRF-1	RF Test Cable	0730085		RF cable XRF-1 is used to connect e.g. Module Jig MJ-36 to RF measurement equipment.)

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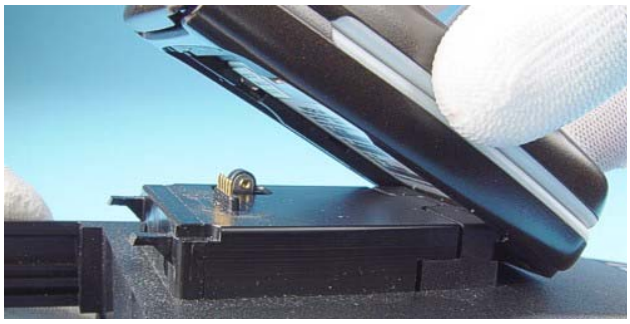
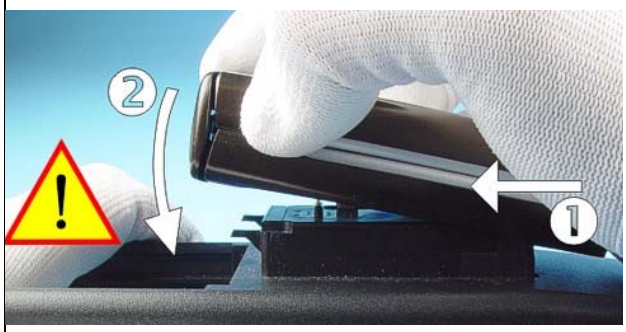
DA-27 Working Instruction

Working instructions for DA-27.

Table 1:

 Insert the DA-27 like a battery, start at the battery connector side.	 First press the phone as shown in figure 1, then push down the phone and release the unit.
  First move the phone as shown in figure 1, then lift the phone carefully.	 Now remove the phone from DA-27.

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